

Half Yearly Compliance Report**2024****01 Jun(01 Oct - 31 Mar)****Acknowledgment**

Proposal Name	Proposal for Environment Clearance of M/s Springway Mining Private Limited for Proposed Limestone Mine with total excavation of 14.11 million TPA [Limestone ♦ 4.0 million TPA (ROM), Topsoil ♦ 1.57 million TPA, OB ♦ 6.51 million TPA, Mineral Rejects ♦ 2.03 million TPA] along with the crusher of 1600 TPH in the mine lease area of 499.641 ha at Village ♦ Kolkarhiya, Tehsil Pawai, Dist. Panna, MP.		
Name of Entity / Corporate Office	M/s Springway Mining Private Limited		
Village(s)	N/A		
District	PANNA		
Proposal No.	IA/MP/MIN/27304/2015	Category	Non-Coal Mining
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	MADHYA PRADESH	Entity's PAN	NA
MoEF File No.	J-11015/114/2015-IA. II (M)	Entity name as per PAN	NA

Compliance Reporting Details

Reporting Year	2024
Remarks (if any)	Dear Sir, Kindly refer to the above subject matter and refer above EC letter no., please find attached herewith compliance of EC for the period of October 2023 to March 2024. Regards, Ashish Jha
Reporting Period	01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area

Name of Entity / Corporate Office	M/s Springway Mining Private Limited	
	Project Area as per EC Granted	Annual Project Area in Possession
Private	488.088	157.408
Revenue Land	0	0
Forest	0	0
Others	11.553	1.75

Total	499.641	159.158
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Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Limestone	Million Tons per Annum (MTPA)	31/03/2025	4	0.001	4
2	Top Soil	Million Tons per Annum (MTPA)	31/03/2025	1.57	0.065999956	1.57
3	OB	Million Tons per Annum (MTPA)	31/03/2025	6.51	0.00750304	6.51
4	Mineral Reject	Million Tons per Annum (MTPA)	31/03/2025	2.03	0	2.03

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	MINING PLAN	The Sub- Committee of the EAC (Non-Coal Sector) shall visit the mine after the mine commences operation to assess the performance of the above measures mentioned in condition no. iii, iv & v.
<p>PPs Submission: Being Complied Noted. Mining operation has been commenced on 21.03.2022, mine is in development stage and limestone is being produced from float limestone lumps found on ground surface only. Please refer annexure-2 for photographs of protection measures.</p>		Date: 23/05/2024
2	MISCELLANEOUS	PP shall stay in touch with Forest and Wildlife Department for any intervention required in future for protecting the wildlife.
<p>PPs Submission: Complied Noted. Guidance will be taken from Forest and Wildlife department if there is any requirement in near future for protecting the wildlife.</p>		Date: 23/05/2024
3	LAND RECLAMATION	The topsoil shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.
<p>PPs Submission: Complied Noted. Top soil will only be stored at earmarked site(s) and the soil will be used for plantation and land reclamation. Photographs of plantation developed on top soil is enclosed as Annexure-3.</p>		Date: 23/05/2024
4	Human Health Environment	Regular surveillance on The topsoil shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.

		Silicosis shall be carried through regular occupational health checkup of 1/3 of the persons every year.
PPs Submission: Being Complied Noted. • Top soil will only be stored at earmarked site(s) and the soil will be used for plantation and land reclamation. • Pre-employment medical checkup is being carried out. Please refer annexure-4 for medical checkup reports.		Date: 23/05/2024
5	Statutory compliance	The project proponent shall obtain the NOC from CGWA for intersection of ground water table.
PPs Submission: Complied NOC for intersection of ground water table has been obtained from CGWA vide letter no. CGWA/NOC/MIN/ORIG/2021/13119 dated 10.04.2024. Please refer annexure-5 for copy of NOC.		Date: 23/05/2024
6	PUBLIC HEARING	The budget of Rs 4.5 Crores to address the concerns raised by the public during the public hearing to be completed within 3 years from the date of start of mining operations.
PPs Submission: Being Complied The Mines commenced its operation on 21.03.2022 and is in development stage. Public hearing issues raised will be addressed as per submitted time bound action plan within 3 year from the date of start of mining operation. The status of Budget expenditure (Rs. 83,00,221/-) in FY 2023-24 is given below and please refer to Annexure-1 for Photographs of the activities.		Date: 23/05/2024
7	Statutory compliance	The Project Proponent shall implement the Rehabilitation of project affected families (PAFs) and payment of compensation to PAFs as per the policy and guidelines of the central/state Government, as provided under the law.
PPs Submission: Being Complied Noted, Till date we have purchased 159.158 ha (Govt land 1.75 ha and Private 157.408 ha) and Rehabilitation of project-affected families (PAFs) and payment of compensation to PAFs is being done as per the policy and guidelines of the central/state Government, as provided under the law.		Date: 23/05/2024
8	Statutory compliance	The Project Proponent must ensure that the Garland drains created to protect entry of water from river into the mine and from the mine to river to be dealt with the proper protection measures proposed and should be designed and constructed in such a way that at no time solids and pollutants from the mine area from all the pits will not flow into the river and it should be ensured that the water in the drain as surface runoff from mine collected in the pit be monitored for quality and treated accordingly.
PPs Submission: Complied Excavation of pit has been commenced in approved area for first year period which is lying over ground level 318 m RL. A closed garland drain with suitable bund has been constructed all along the proposed area of excavation. Photographs of protected Garland drain and siltation pond with wire fencing along pit area and bund under development along proposed excavation area is enclosed as annexure-2.		Date: 23/05/2024
9	MINING PLAN	The Committee noted that the PP presented that initially Pit-A will be operated for a period of 10 years and hence the protection measures proposed should be demonstrated in Pit –A first. Based on the performance of adopted measures the design and the construction shall be taken up in further pits.
PPs Submission: Complied Excavation of pit A has been commenced in approved area for pit of first year period, which is lying over ground level 318 m RL. A closed garland drain with suitable bund has been constructed all		Date: 23/05/2024

along the proposed area of excavation and will be ensured for all respective pits in future also.
Please refer annexure-2 for photographs.

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WATER QUALITY
MONITORING AND
PRESERVATION

Since the major river is garlanding the entire mine area on northern, western and southern side, all the protection measures shall be taken up so that neither the river hydrology nor the quality of the river will have any impact till the entire mining operation.

PPs Submission: Being Complied
A garland drain with suitable bund has been constructed all along the proposed area of excavation and will be ensured for all respective pits in future also to avoid any impact till the entire mining operation. Please refer annexure-2 for photographs.

Date:
23/05/2024

General Conditions

Sr.No.	Condition Type	Condition Details
1	MISCELLANEOUS	No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitation. In such cases, PP shall construct a 'bypass' road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All cost resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal state govt. department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal state govt. department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers. (If applicable in case of road transport).

PPs Submission: Complied
Noted. No transportation of minerals is being done through roads passing villages/habitation.

Date:
23/05/2024

2
WATER QUALITY
MONITORING AND
PRESERVATION

Quality of polluted water generated from mining operation which include Chemical Oxygen Demand (COD) in mine run-off: acid mine drainage and metal contamination in runoff shall be monitored along with Total Suspended Solids (TSS), Dissolved Oxygen (DO), pH and Total Suspended Solis (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the mine gate of the Company. The circular No. J-20018/1/2006-IA. II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.

PPs Submission: Agreed to Comply
• The Kolkarhiya Limestone Mine has been commenced on 21.03.2022 and is in development stage.
• There is no wastewater generation from the Limestone mining operation as it is in developmental stage.

Date:
23/05/2024

3
WATER QUALITY
MONITORING AND
PRESERVATION

Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board/ State Ground water Department. A report on amount of water

		recharged needs to be submitted to Regional Office MoEFCC annually.	
<p>PPs Submission: Complied</p> <p>• Rainwater harvesting pond has been developed in village Kolkarhiya to augment the water resources. • Siltation pond and Garland drain has been constructed to augment water table. • Surface rain water is collected in the lower most benches to augment Ground water resources. Photos of implemented rainwater harvesting measures i.e.: Mine pit, RWH pond, Garland drain and Siltation pond etc. are enclosed as Annexure-9.</p>			Date: 23/05/2024
4	WATER QUALITY MONITORING AND PRESERVATION	Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial Passage through oil and grease trap.	
<p>PPs Submission: Complied</p> <p>• There is no industrial waste water generation from the Mine operation. • Workshop is yet to be installed. Workshop waste water will be passed through oil and grease trap and clear water will be reused for dust suppression. Separated Oil & grease from waste water will be sold to recycler authorized from CPCB/SPCB. • Quality of water will be analyzed by NABL accredited Lab to confirm the standards prescribed by SPCB.</p>			Date: 23/05/2024
5	WATER QUALITY MONITORING AND PRESERVATION	The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF&CC and State Pollution Control Board/Committee.	
<p>PPs Submission: Complied</p> <p>The Kolkarhiya Limestone Mine has been commenced w.e.f. 21.03.2022 and is in development stage. Till now we have not constructed Borewell hence ground water consumption is nil. However, water audit will be conducted once we start consuming/utilizing water.</p>			Date: 23/05/2024
6	Noise Monitoring & Prevention	The peak particle velocity at 500m distance or with the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.	
<p>PPs Submission: Agreed to Comply</p> <p>The Kolkarhiya Limestone Mine has been commenced on 21.03.2022 and is in development stage and limestone is being produced from float limestone lumps found on ground surface only. Blasting and magazine permission is obtained on 28.08.2023. PPV will be monitored periodically, as we start carrying out blasting activity and following measures will be implemented at due course of time. • Blasting operation will be carried out in day time only. • Sequential blasting machine (SBM), Delay detonator, Non-Electric detonator for blasting will be used to mitigate vibration. • Water injection system on DTH drill will be provided which suppresses dust at its source of generation.</p>			Date: 23/05/2024
7	Noise Monitoring & Prevention	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages location close to mining operation. Habitations have a right for darkness and minimal noise levels at night. PPs must ensure that the biological clock of the villages is not disturbed: by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day/night hours.	
<p>PPs Submission: Complied</p> <p>• Unit is maintaining the illumination and noise level well within permissible limits during day and night hours. • Six monthly noise level monitoring report of ambient & work zone area for the period: October-23 to March-24 are enclosed as Annexure-10. Please refer below graph showing 3rd & 4th</p>			Date: 23/05/2024

Quarter average Noise level results in Core zone as well as Buffer zone of Mine area.		
8	Noise Monitoring & Prevention	The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operation of HEMM, etc. should be provided with ear plugs /Muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers/ personals/ Laborers are working without personal protective equipment.
PPs Submission: Complied <ul style="list-style-type: none"> • Ear Plugs, Mask and other PPES has been provided to workers engaged in mining. • Onsite tool box talk is being conducted on daily basis to create awareness regarding safety and health aspect. • Work Zone Noise level monitoring is being carried out by MoEF&CC approved laboratory and Noise level are well within the prescribed norms. Please refer Annexure-11 for more detail of Noise level. 		Date: 23/05/2024
9	MINING PLAN	The Project Proponent shall adhere to approved mining plan, inter alia, including total exaction(quantum of mineral, waste, over burden, inter burden and top soil etc.): mining technology: lease area: scope of working (method of mining, overburden & dump management, O.B& dump mining, mineral transportation mode, ultimate depth of mining, concurrent reclamation and reclamation at mine closure: land- use of the mine lease area at various stages of mining scheme as well as at the end-of-life: etc).
PPs Submission: Complied <ul style="list-style-type: none"> • All mining activities are being carried out as per approved mining plan. • Excavation quantity is maintained well within the permitted limit. Excavation details for the period from April 2023 to March 2024 is given below: - Month Limestone (MT) Over Burden (MT) Top Soil (MT) April'23 125 426.02 104.79 May'23 50 502.776 110.92 June'23 64 0 0 July'23 80 0 0 Aug'23 76 0 0 Sep'23 100 0 0 October'23 113 0 0 November'23 100 0 0 December'23 138 0 0 January'24 4 0 0 February'24 0 0 0 March'24 150 65071.16 7287.33 Total 1000.00 65999.96 7503.04 		Date: 23/05/2024
10	MINING PLAN	The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life shall be governed as per the approved mining plan. The excavation vis-à-vis backfilling in the mine area shall be governed as per approved mining plan. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance status shall be submitted half-yearly to the MoEF&CC and its concerned Regional Office.
PPs Submission: Complied <ul style="list-style-type: none"> • All mining activities are being carried out as per approved mining plan. • Compliance status is being submitted to the MoEF&CC and its concerned Regional Office on Half Yearly basis regularly. Last half-yearly compliance report was sent on 07.11.2023 for the period from April 2023 to September 2023 		Date: 23/05/2024
11	LAND RECLAMATION	The Overburden (O.B.), waste and topsoil generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should be kept active for a long period of time. The physical parameters of the OB/ waste dumps/ topsoil dump like height, width, width and angle of slope shall be governed as per the approved mining plan and the guidelines/ circulars issued by D.G.M.S. The topsoil shall be used for land reclamation and plantation.

<p>PPs Submission: Complied</p> <p>• Overburden generated during the mining operations is being stacked at earmarked OB dump sites only. • Physical parameters of the OB dumps i.e. height, width and angle of slope being maintained in compliance of the approved mining plan as per the guidelines /circulars issued by DGMS. • Top soil generation quantity from mining operation in the FY: 2023-24 is 7503.04 MT. It is being used for plantation purposes only. Please refer annexure no 3 for photographs of the plantation done on top soil.</p>		<p>Date: 23/05/2024</p>
12	LAND RECLAMATION	<p>The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slop stability, prevent erosion and surface run off. The selection of local species regulates local climatic parameters and help in adaptation of plant species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer/ compactors thereby ensuring filling/leveling of dump mass. In critical areas, use of geo textiles/ geo-membranes/ clay liners/ Bentonite etc. shall be undertaken for stabilization of the dump.</p>
<p>PPs Submission: Complied</p> <p>Noted, presently dumps are active and slope of dumps will be vegetated in scientific manner with suitable native species, gullies will be formed on slopes and filling and levelling of dump mass will be done with the help of dozer/ compactor once dumps become inactive.</p>		<p>Date: 23/05/2024</p>
13	LAND RECLAMATION	<p>Catch drains, setting tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and top soil/ OB/ Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah/ River/ Pond etc.). The collected water should be utilized for watering the mine area, roads, green belt development, plantation etc. The drains/ sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon season, and maintained properly.</p>
<p>PPs Submission: Complied</p> <p>Garland drain and setting tank has been constructed to prevent run off of water and flow of sediments directly into the water bodies (Nallah/ River/ Pond etc.). The collected water will be utilized for watering the mine area, roads, green belt development, plantation etc. The drains/sedimentation sumps etc. is being de-silted regularly and after proper sedimentation mine water is utilized for various purposes. Please refer annexure 2 for photographs of the same.</p>		<p>Date: 23/05/2024</p>
14	LAND RECLAMATION	<p>Check dams of appropriate size, gradient and length shall be constructed around mine pit OB dumps to prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept of designing of sump structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and its. Adjoining area which shall also help in providing adequate retention period thereby allowing proper settling of sediments/ silt material. The sedimentation pits/ sumps shall be constructed at the corners of the garland drains.</p>
<p>PPs Submission: Complied</p> <p>Garland drain and setting tank has been constructed to prevent storm run-off and sediment flow into adjoining water bodies. The drains/sedimentation sumps etc. is being de-silted regularly and after proper sedimentation mine water is utilized for various purposes. Please refer annexure 2 for photographs of the same.</p>		<p>Date: 23/05/2024</p>
15	MISCELLANEOUS	<p>Concealing facture to comply with any or submission of false/ fabricated data and of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.</p>

PPs Submission: Complied Noted and all applicable laws and direction will be followed		Date: 23/05/2024
16	Statutory compliance	This Environmental Clearance (EC) is subject to orders/ judgment of Hon'ble Supreme Court of India, Hon'ble High NGT and any other Court of Law, Common Cause Conditions as may be applicable.
PPs Submission: Complied Noted and all applicable laws will be followed.		Date: 23/05/2024
17	Statutory compliance	The Project proponent complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated 2nd August,2017 in write Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors before commencing the mining operations.
PPs Submission: Complied Noted and all applicable laws will be followed.		Date: 23/05/2024
18	Statutory compliance	The State Government concerned shall ensure that mining operation not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgment of Hon'ble Supreme Court dated 2nd August,2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.
PPs Submission: Complied Not applicable, no any compensation levied is due and unit is complying with the Judgment of Hon'ble Supreme Court dated 2nd August, 2017.		Date: 23/05/2024
19	Statutory compliance	The Project Proponent shall follow the mitigation measures provided in MoEFCC's Office Memorandum No. Z11013/57/2014-IA.II (M), dated 29th October, 2014 titled "Impact of mining activities on Habitation –Issues related to the mining Projects wherein Habitations and villages are the parts of mine lease areas or Habitations and villages are surrounded by the mine lease area".
PPs Submission: Complied Unit has taken the following measures to reduces the impact of mining activities on habitations: - • Garland drain constructed, • Siltation pond facilitated, • Regular water spray on haul road is being done, • Company owned road used for limestone transportation, and • Carried out dense plantation. Following measures will also be implemented in near future as Mining operation has been commenced on 21.03.2022, mine is in development stage and limestone is being produced from float limestone lumps found on ground surface only. • Rainwater collected in mine pit will be supplied to nearby villagers during the lean period. • After installation of the Hi mast tower light, it will be kept in off mode during night period, • Control blasting will be implemented after getting the permission of Blasting. • No village road will be used for the transportation of minerals.		Date: 23/05/2024
20	Statutory compliance	A copy of EC letter will be marked to concerned panchayat/ local NGO etc. if any, from whom suggestion/ representation has been received while processing the proposal.
PPs Submission: Complied Copy of EC letter has been marked to Gram Panchayat Kolkarhiya, dated 22/02/2022. Copy of the same is already submitted through EC compliance report dated 20.05.2023.		Date: 23/05/2024

21	Statutory compliance	State Pollution Control Board/ Committee shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collector's office/ Tehsildar's Office for 30 days.
PPs Submission: Complied Noted. This condition will be complied by SPCB		Date: 23/05/2024
22	Statutory compliance	The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board/ Committee and web site of the Ministry of Environment, Forest and Climate Change (www.parivesh.nic.in). A copy of the advertisement may be forwarded to the concerned MoEFCC Regional Office for compliance and record.
PPs Submission: Complied M/s Springway Mining Pvt Limited has widely advertised about the grant of this EC letter by printing the same in at least two local newspapers, and in vernacular language of the concerned area. i.e.: Dainik Bhasker and Raj Express. Copy of the Newspaper cutting is already submitted through EC compliance report dated 20.05.2023.		Date: 23/05/2024
23	Statutory compliance	The Project Proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred. PP needs to apply for transfer of EC as per provisions of the para 11 EIA Notification, 2006 as amended from time to time.
PPs Submission: Complied Noted, If any change in ownership of mining, will be intimated to the ministry.		Date: 23/05/2024
24	WATER QUALITY MONITORING AND PRESERVATION	In case, immediate mining scheme envisages intersection of ground water table, then Environment Clearance shall become operation only after receiving formal clearance from CGWA, In case, mining operation involves intersection of ground water table at a later stage, than PP shall ensure that prior approval from CGWA and MoEFCC is in Place Before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.
PPs Submission: Complied NOC for the intersection of ground water table has been obtained from CGWA vide letter no. CGWA/NOC/MIN/ORIG/2021/13119 dated 10.04.2024. Please refer annexure-5 for copy of NOC.		Date: 23/05/2024
25	WATER QUALITY MONITORING AND PRESERVATION	Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining the mining operation in consultation with Central Ground Water Authority/ State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six- monthly basis to the Regional Office of the Ministry, CGWA and State Ground water Department / State Pollution Control Board.
PPs Submission: Complied Regular monitoring of groundwater level and quality is being carried out in and around the mining lease area as per the Environment Management Plan of approved Mining plan by establishing a		Date: 23/05/2024

	<p>network of existing wells in nearby 10 Villages. The unit has installed 1 no. of piezometers as per CGWA NOC for periodic monitoring of groundwater level and installed 1 DWLR (Digital Water Level Recorder) with telemetry system for online monitoring of groundwater level. Detailed ground water level monitoring and quality report for the period: October-23 to March-24 is enclosed as Annexure-7.</p>	
26	<p>WATER QUALITY MONITORING AND PRESERVATION</p>	<p>The Project Proponent shall undertake regular monitoring of natural water course/water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease including upstream and downstream. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. The parameters to be monitored shall include their water quality vis-à-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/or alteration be made to water bodies during mining operations without justification and prior approval of MoEFCC. The monitoring of water courses/Bodies existing in lease area shall be carried out four times in a year viz. per – monsoon (April May), monsoon(August),post –monsoon(November) and winter(January) and the record of monitored data may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional office, Central Ground water Authority and Regional Director, Central Ground water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six- monthly basis.</p>
<p>PPs Submission: Complied • Unit is monitoring the ground water and surface water quality including both River & seasonal Nallah on quarterly basis i.e.: Pre-monsoon (April-May), Monsoon (August), Post-monsoon (November) and Winter (January) and upstream and downstream flow rate of surface water on monthly basis with the help of MoEF&CC approved Laboratory. • Please refer the Annexure-8 for analysis report for the period: Post- monsoon and Winter season. • There is/will be no any obstruction and/or alteration be made to water bodies during mining operations without justification and prior approval of MoEFCC. • All reports are being submitted regularly to the Ministry of Environment, Forest and Climate Change and its Regional office, Central Ground water Authority and Regional Director, Central Ground water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six- monthly basis. • Six monthly result trends analysis of Ground water is as given below: The ground water analysis for Core and Buffer zone stations shows that pH varied from 7.57 to 6.32 in post monsoon period while in Winter period pH varied from 6.39 to 7.57. Total hardness was varied from 146 to 192 mg/l, alkalinity varied from 120 to 174 mg/l and total dissolved solids varied from 332 to 486 mg/l in Post monsoon period while in Winter period total hardness varied from 138 to 182 mg/l, alkalinity varied from 114 to 166 mg/l and total dissolved solids varied from 315 to 461 mg/l.</p>		<p>Date: 23/05/2024</p>
27	<p>MISCELLANEOUS</p>	<p>The Ministry or any other competent authority may alter/ modify the above conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.</p>
<p>PPs Submission: Complied Noted and all applicable laws and direction will be followed.</p>		<p>Date: 23/05/2024</p>
28	<p>AIR QUALITY MONITORING AND PRESERVATION</p>	<p>The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Station with 1 (One in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollution viz. PM10, PM2.5, NO2, CO and SO2 etc. as per the methodology mentioned in NAAQS Notification No. B-29016/20/90/PCI/I, dated 18.11.2009 covering the aspects of transportation and use of heavy machinery in the impact zone. The</p>

		ambient air quality shall also be monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the mine Gate of the mine site.	
		<p>PPs Submission: Agreed to Comply</p> <ul style="list-style-type: none"> • The Mines EC is granted on 18.02.2022 and Mining operation has been commenced on 21.03.2022, mine is in development stage. • Ambient air quality monitoring in core (Mine Site and Mine Boundary) and buffer zone (Village Kolkarhiya, Basan, Muhana, Rekra, Devri) is being carried out by MoEFCC approved laboratory. Six monthly average reports are enclosed as Annexure-6. • We are in the process of finalizing the technical quotation for the installation of the CAAQMS system along with the digital display board as per applicable guidelines and will be installed as early as possible. 	Date: 23/05/2024
29	AIR QUALITY MONITORING AND PRESERVATION	Effective safeguard measure for prevention of dust generation and subsequent suppression (Like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipment's/ machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dusty control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEFCC/Central Pollution Control Board.	
		<p>PPs Submission: Complied</p> <p>Following safeguard measures taken for prevention of dust generation: -</p> <ul style="list-style-type: none"> • Regular water sprinkling is being done on haul roads and loading and unloading point to control the fugitive emission. • Ambient air quality monitoring is being carried out on regular basis by NABL accredited laboratory and air pollution level are well within the prescribed norms. • Six monthly average Ambient air quality and fugitive emission monitoring reports for the period: October-23 to March-24 are enclosed as Annexure-6. In Addition to the above, following measures will also be implemented in near future as Mining operation has only been commenced on 21.03.2022, mine is in development stage and limestone is being produced from float limestone lumps found on ground surface only. • Water sprinkling system will be provided at the dump hopper to control the fugitive emission. • Crusher has yet not been installed and upon installation, air pollution control equipment's like bag filters, dry fogging system will be installed at crusher to avoid generation of dust @ the source & during transportation. 	Date: 23/05/2024
30	MISCELLANEOUS	The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer Points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipment's like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emission.	
		<p>PPs Submission: Partially Complied</p> <ul style="list-style-type: none"> • Regular water sprinkling is being done on haul roads and loading and unloading point to control the fugitive emission. • Ambient air quality monitoring is being carried out on regular basis by NABL accredited laboratory and air pollution level are under norms. • Six monthly average Ambient air quality and fugitive emission monitoring reports for the period: October-23 to March-24 are enclosed as Annexure-6. Following measures will also be implemented in near future as Mining 	Date: 23/05/2024

<p>operation has been commenced on 21.03.2022, mine is in development stage and limestone is being produced from float limestone lumps found on ground surface only. • Water sprinkling system will be provided at the dump hopper to control the fugitive emission. • Crusher has yet not been installed and upon installation, air pollution control equipment's like bag filters, dry fogging system will be installed at crusher to avoid generation of dust while transportation.</p>		
31	GREENBELT	<p>The project Proponent shall develop greenbelt in 7.5m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Green belt shall be developed within first 5 years starting from windward side of the active mining area. The development of greenbelt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan.</p>
<p>PPs Submission: Being Complied • Greenbelt development is a continual & ongoing process, Plantation has been initiated around the mine lease and covered 1.02 ha area with 2632 no's of saplings up to March 2024. • Green belt in 7.5 m lease periphery/boundary (Area 32.392 ha) will be developed within first five-year subject to availability of land as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan. Photographs of plantation is enclosed as Annexure-12</p>		<p>Date: 23/05/2024</p>
32	GREENBELT	<p>The Project Proponent shall carryout plantation/ afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community area etc. by plating the native species in consultation with the State Forest Department/ Agriculture Department/ Rural development department/ Tribal Welfare Department/ Gram Panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be adhered. The density of the trees should be around 2500 saplings per hectare. Adequate budgetary provision shall be made for protection and care of trees.</p>
<p>PPs Submission: Being Complied • Greenbelt development is a continual & ongoing process. Plantation has been initiated around the mine lease and covered 1.02 ha area with 2632 nos saplings up to March 2024. • Green belt in 7.5m lease periphery/boundary (Area 32.392 ha) including the area of 2.516 ha covering 50mt safety barrier of the village road will be done within n first five years of the commencement of the mine. • Out of total mined-out area of 340.63 ha; at the conceptual stage 306.78 ha area will be reclaimed and rehabilitated by plantation on backfilled area .Remaining 33.85 ha area of pit B will be reclaimed by sub grade limestone for future use. Bench slope area of 74.95 ha shall also be brought under green belt development. Please refer annexure-12 for photographs of plantation</p>		<p>Date: 23/05/2024</p>
33	GREENBELT	<p>The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those area which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon'ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded/ protected against felling and plantation of such trees should be promoted.</p>
<p>PPs Submission: Complied Not Applicable. There is no grazing land in Mining Lease.</p>		<p>Date: 23/05/2024</p>
34	Human Health Environment	<p>Project Proponent shall make provision for the housing for workers/labors or shall contract labor camps within/ outside (company owned land) with necessary basic infrastructure/ facilities</p>

		like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche for kids etc. The housing may be provided in the form of temporary structure. The domestic waste water should be treated with STP in order to avoid contamination of underground water.
<p>PPs Submission: Complied</p> <p>• All workers engaged belongs to local area and they are living in their own houses, therefore temporary structure/ hutments are not required. • Employees are residing in colony situated at Hatta Tehsil, where all basic Infrastructure facilities are available. There is no temporary structure /hutment has been constructed.</p>		Date: 23/05/2024
35	Corporate Environmental Responsibility	The Project Proponent shall submit the time- bond action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environment clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF&CC Office Memorandum No.22-65/217-IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.
<p>PPs Submission: Being Complied</p> <p>Activities proposed for CER will be implemented in a time bound manner and three years action plan of activities committed during public consultation has been submitted through EC compliance dated 20.05.2023. However please refer annexure-1 and compliance of Sp. condition no 1 for status of budget spent under the CER activities committed.</p>		Date: 23/05/2024
36	MISCELLANEOUS	The Project Proponent Shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned regional officer of the MoEF&CC.
<p>PPs Submission: Agreed to Comply</p> <p>Digital processing report of the entire lease area will be submitted with due course of time as Mining operation has been commenced on 21.03.2022.</p>		Date: 23/05/2024
37	MISCELLANEOUS	The Project Authorities should inform to the Regional Officer regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
<p>PPs Submission: Complied</p> <p>Noted, Final Approval of the Project by MoEFCC is 18.02.2022. Land development work started on 21.03.2022. Financial Closure dates for SMPL project to be informed.</p>		Date: 23/05/2024
38	MISCELLANEOUS	The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MoEFCC & its concerned Regional Officer, Central Pollution Control Board and State Pollution Control Board.
<p>PPs Submission: Complied</p> <p>Six monthly compliance report has been submitted to the MoEF&CC & it's concerned Regional Officer, Central Pollution Control Board and State Pollution Control Board. Last half-yearly compliance report was sent on 07.11.2023 for the period from April 2023 to September-23.</p>		Date: 23/05/2024
39	MISCELLANEOUS	A separate 'Environmental Management Cell' with suitable qualified manpower should be set up under the control of a Senior Executive. The Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientist and Mining Engineers shall be appointed and submit a report to RO,

		MoEF&CC.
PPs Submission: Complied A separate environmental management cell with qualified personnel is already established.		Date: 23/05/2024
40	MISCELLANEOUS	The concerned Regional of the MoEF&CC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEF&CC officer(s) by furnishing the requisite data /information/monitoring reports.
PPs Submission: Agreed to Comply Noted, Full cooperation will be extended to the MoEF&CC officer(s) by furnishing the requisite data /information/monitoring reports.		Date: 23/05/2024
41	MISCELLANEOUS	In pursuant to Ministry's O.M No 22-34/2018-IA.III dated 16.01.2020 to comply with the direction made by Hon'ble Supreme Court on 8.01.2020 in W.P. (Civil) No 114/2014 in the matter common cause vs Union of India, the mining lease holder shall after ceasing mining operations, undertake regressing the mining area and any other area which may have been disturbed due to other mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
PPs Submission: Complied Noted and all applicable laws will be followed.		Date: 23/05/2024
Visit Remarks		
Last Site Visit Report Date:		N/A
Additional Remarks:		